



Sun Java™ System

Content Delivery Server 5.0 Branding and Localization Guide

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Preface

The *Sun Java™ System Content Delivery Server Branding and Localization Guide* describes how to customize the Content Delivery Server interfaces. The interfaces can be branded to match the look and feel of your enterprise. You can also provide the interfaces in the language that you use.

The following components can be branded:

- Subscriber Portal, PC-based
- Subscriber Portal, device-based
- Developer Portal

The following components can be localized:

- Subscriber Portal, PC-based
- Subscriber Portal, device-based
- Developer Portal
- Catalog Manager administration console
- Vending Manager administration console

Before You Read This Document

This guide is for visual designers and other professionals who are familiar with web development and graphic design. This guide is also for localization professionals familiar with providing translations for application interfaces.

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How this Document is Organized

- [Chapter 1](#) describes how to customize the look and feel of the version of the Subscriber Portal that runs on a PC.
 - [Chapter 2](#) describes how to customize the look and feel of the version of the Subscriber Portal that runs on a mobile device.
 - [Chapter 3](#) describes how to customize the look and feel of the Developer Portal.
 - [Chapter 4](#) describes how to localize the Content Delivery Server interfaces.
-

Typographic Conventions

| Typeface ^a | Meaning | Examples |
|-----------------------|--|---|
| AaBbCc123 | The names of commands, files, and directories; on-screen computer output | Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>% You have mail.</code> |
| AaBbCc123 | What you type, when contrasted with on-screen computer output | <code>% su</code> Password: |
| <i>AaBbCc123</i> | Book titles, new words or terms, words to be emphasized. | Read Chapter 6 in the <i>User's Guide</i> . These are called <i>class</i> options. You <i>must</i> be superuser to do this. |
| | Replace command-line variables with real names or values. | To delete a file, type <code>rm filename</code> . |

^a The settings on your browser might differ from these settings.

Related Documentation

The Sun Java System Content Delivery Server manuals are available as Portable Document Format (PDF) and Hypertext Markup Language (HTML) files. These files are available in the `Documentation` subdirectory of the directory where the Content Delivery Server is installed as well as online at <http://docs.sun.com>.

The following table summarizes the books included in the Content Delivery Server documentation set.

| Book Title | Description | Part Number |
|--|--|-------------|
| <i>Sun Java System Content Delivery Server Administration Guide</i> | Describes how to manage content, devices, and access to the Content Delivery Server. | 819-3209-10 |
| <i>Sun Java System Content Delivery Server Capacity Planning Guide</i> | Provides guidelines for determining what hardware and software is needed to efficiently run the Content Delivery Server. | 819-3211-10 |
| <i>Sun Java System Content Delivery Server Content Developer Guide</i> | Describes how to submit content to the Content Delivery Server. | 819-3212-10 |
| <i>Sun Java System Content Delivery Server Customization Guide</i> | Describes the Content Delivery Server APIs that can be used to create customized adapters for use in integrating Content Delivery Server with the existing infrastructure. | 819-3213-10 |
| <i>Sun Java System Content Delivery Server Error Messages</i> | Describes error messages that are generated by the Content Delivery Server and suggests actions to take to resolve problems reported. | 819-3214-10 |
| <i>Sun Java System Content Delivery Server Installation Guide</i> | Provides information about installing and configuring the Content Delivery Server. | 819-3215-10 |
| <i>Sun Java System Content Delivery Server Integration Guide</i> | Describes adapters for integrating the Content Delivery Server with existing systems such as billing, user data, WAP gateway, and push delivery. It also describes the framework for creating device-specific versions of the Subscriber Portal. | 819-3216-10 |
| <i>Sun Java System Content Delivery Server Migration Guide</i> | Describes how to migrate from the previous version of the Content Delivery Server to the current version. | 819-3217-10 |
| <i>Sun Java System Content Delivery Server System Management Guide</i> | Provides information on running and maintaining the Content Delivery Server. | 819-3218-10 |

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Branding the PC-Based Subscriber Portal

This chapter describes how to brand the PC version of the Subscriber Portal component of the Sun Java System Content Delivery Server. You can change any or all of the files described in the following table to make the Subscriber Portal interface more closely conform to your corporate image.

TABLE 1-1 Subscriber Portal Files

| File | Description |
|---|--|
| <code>\$CDS_HOME/deployment/deployment-name/.../tpl/_tpl_main.jsp¹</code> | Banner and footer for each page |
| <code>\$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties</code> | Strings used for the title and other text elements |
| <code>\$CDS_HOME/deployment/deployment-name/.../static/media/t0-banner.gif¹</code> | Graphic used for the logo |
| <code>\$CDS_HOME/deployment/deployment-name/dynamic_banner/modelloggedin.html</code> | Home page shown to subscribers who have specified a device and are logged in |
| <code>\$CDS_HOME/deployment/deployment-name/dynamic_banner/modelnotloggedin.html</code> | Home page shown to subscribers who have specified a device, but are not logged in |
| <code>\$CDS_HOME/deployment/deployment-name/dynamic_banner/nomodelnotloggedin.html</code> | Home page shown to subscribers who have not specified a device and are not logged in |

TABLE 1-1 Subscriber Portal Files (Continued)

| File | Description |
|--|---|
| <code>\$CDS_HOME/deployment/deployment-name/.../styles/subscriber.css¹</code> | Style sheet used for basic colors and fonts |
| <code>\$CDS_HOME/deployment/deployment-name/.../layouts/default/user_agreement.html¹</code> | User license agreement |

¹The directory path differs depending on the application server that you are using:

- If you are using Sun Java System Application Server, Subscriber Portal files are in the `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSSubscriberPortal` directory.
- If you are using WebLogic Server, Subscriber Portal files are in the `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/subscriber` directory.

deployment-name is the name specified when the Catalog Manager was deployed. *server-domain* is the value specified in the deployment configuration file for the `app.server.domain` property. *server-name* is the value specified in the deployment configuration file for the `app.server.name` property.

Tip – The files listed in [TABLE 1-1](#) are used to present the pages of the Subscriber Portal. Changes are displayed when a page is refreshed. You might want to edit copies of the files, then replace the original files with the changed files after you are sure there are no errors.

This section presents the following topics:

- [Changing the Banner](#)
- [Adding a Footer](#)
- [Changing the Title](#)
- [Changing Text](#)
- [Changing the Main Region](#)
- [Changing Buttons](#)
- [Changing Basic Colors and Fonts](#)
- [Providing a User License Agreement](#)

To make changes to the version of the Subscriber Portal that subscribers access from their mobile devices, see [Chapter 2](#). To replace the Subscriber Portal with your own subscriber interface, see information on the Subscriber API in the *Sun Java System Content Delivery Server Customization Guide*.

1.1 Changing the Banner

The banner is a graphic that is displayed at the top of each page. The default banner is a blue bar with the words “Wireless, Inc.” To change the banner, follow these steps:

1. **Open** `$CDS_HOME/deployment/deployment-name/.../tpl/_tpl_main.jsp`.
2. **Search for the string** `wireless.inc-masthead.gif` **and replace it with the name of the image file that you want to use.**

If the image is not localized, use the image path variable `img_url`. If the image is localized, use the image path variable `localized_image_url`. The following code example shows the path for an image that is localized.

```
<td width="377" height="87">
  
</td>
```

3. **Save your changes.**
4. **Store the image.**

If the new image is not localized, store the image in the `$CDS_HOME/deployment/deployment-name/.../static/media` directory. If the image is localized, store the image in the directory specified for the `localized.path.image_url` property in each language-specific `SubscriberPortalLocaleResource.properties` file.

1.2 Adding a Footer

The footer is text or graphics that appear at the bottom of each page. The default footer is blank. To add a footer, follow these steps:

1. **Edit** `$CDS_HOME/deployment/deployment-name/.../tpl/_tpl_main.jsp`.
2. **Search for the statement** `<!-- BEGIN 3rd Row -->`.

3. Add the text or images that you want to appear at the bottom of each page in the second column of this row in the table.

If an image is not localized, use the image path variable `img_url`. If an image is localized, use the image path variable `localized_image_url`. The following example shows the path for images that are not localized.

```
<tr> <!-- BEGIN 3rd Row -->
<td width="1" height="24" bgcolor="#cccccc"><img src=
  "<%=img_url%>/v3_pixel.gif" width="1" height="24" alt="" border="0"></td>
<td colspan="5" height="24">sample copyright statement; all rights reserved</td>
<td width="1" height="24" bgcolor="#cccccc"><img src=
  "<%=img_url%>/v3_pixel.gif" width="1" height="24" alt="" border="0"></td>
</tr>
```

4. Store the image.

If an image is not localized, store the image in the `$CDS_HOME/deployment/deployment-name/.../static/media` directory. If an image is localized, store the image in the directory specified for the `localized.path.image_url` property in each language-specific `SubscriberPortalLocaleResource.properties` file.

1.3 Changing the Title

To change the title of the main page, edit the `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` file. Replace the value of the `desktop.common.applicationTitle` property with the title that you require, for example:

```
desktop.common.applicationTitle=Test Subscriber Portal
```

If you have locale-specific resource files, set the property in each file.

1.4 Changing Text

The text shown on the pages of the Subscriber Portal is read from the `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` file. To change messages or the labels for the fields, edit the strings in this file. The properties used for the PC-based Subscriber Portal are prefixed with `desktop`, for example, `desktop.common.applicationTitle`.

If you have locale-specific resource files, edit the strings in the files for the locales that you use.

1.5 Changing the Main Region

Modify the following files in the `$CDS_HOME/deployment/deployment-name/dynamic_banner` directory to change what is presented to the subscriber on the home page:

- `modelloggedin.html` – Page shown to subscribers who are logged in to the Subscriber Portal and have specified a device
- `modelnotloggedin.html` – Page displayed to subscribers who have selected a device, but have not yet logged in
- `nomodelnotloggedin.html` – Page displayed to subscribers who have not selected a device and have not logged in

To change the pages, for each file follow these steps:

1. **Edit the file and replace the body of the table with valid HTML statements to create the page that you want.**

Keep the following points in mind while editing the table:

- Do not remove the `<table>` and `</table>` statements.
- Any text or image that you include must not be wider than 375 pixels.
- To reference a file in the `$CDS_HOME/deployment/deployment_name/dynamic_banner` directory, use `BANNER_ROOT`, for example, ``

2. **When you complete your changes, save the file.**

The new version of the file is used the next time the page is referenced by a subscriber.

Note – Improper handling of tables by some browsers could result in text and images overlapping when a table is used to display text next to an image. Refreshing the image usually corrects the problem.

The pages can also be presented in different languages:

1. **Copy each of the files and add the language code to the name.**

For example, for a version of a file in French, create a file named `modelloggedin_fr.html`.

2. Make the changes that you want to each file.

3. **Edit each language-specific** `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` **file and set the following properties to the names of the new files:**

- `desktop.dynamicBanner.model_logged_in`
- `desktop.dynamicBanner.model_not_logged_in`
- `desktop.dynamicBanner.no_model_not_logged_in`

1.6 Changing Buttons

Buttons on the Subscriber Portal that are localized, such as Log In and Search, are images in the `$CDS_HOME/deployment/deployment-name/.../static/media/language-code` directories. You can replace these buttons with images of your choice by replacing the existing files. To provide these buttons in a different language, see [Section 4.1.3, “Providing Localized Templates and Images” on page 4-3](#).

The following table describes the buttons and their associated images.

TABLE 1-2 Subscriber Portal Localized Buttons

| Button | File Name | Size in Pixels (Width x Height) |
|-----------------------|-------------------------------------|------------------------------------|
| Cancel | <code>cancel.gif</code> | 60 x 18 |
| Done | <code>done.gif</code> | 60 x 18 |
| Down | <code>MoveDown.gif</code> | 60 x 18 |
| Download | <code>download.gif</code> | 60 x 18 |
| Edit | <code>edit.gif</code> | 60 x 18 |
| Forgot Your Password? | <code>forgetYourPassword.gif</code> | 120 x 18 |
| Log in | <code>login.gif</code> | 60 x 18 |
| Log off | <code>logOff.gif</code> | 60 x 18 |
| Message | <code>message.gif</code> | 60 x 18 |
| No | <code>no.gif</code> | 60 x 18 |
| OK | <code>ok.gif</code> | 60 x 18 |
| Purchase | <code>purchase.gif</code> | 60 x 18 |
| Redeem Coupon | <code>redeemCoupon.gif</code> | 100 x 18 |
| Reset | <code>reset.gif</code> | 60 x 18 |

TABLE 1-2 Subscriber Portal Localized Buttons *(Continued)*

| Button | File Name | Size in Pixels (Width x Height) |
|---------------------|-----------------------|------------------------------------|
| Return to Catalog | returnToCatalog.gif | 110 x 18 |
| Search | search.gif | 60 x 18 |
| Send | send.gif | 60 x 18 |
| Sign Up | signUp.gif | 60 x 18 |
| Up | MoveUp.gif | 60 x 18 |
| Update | update.gif | 60 x 18 |
| Update User Profile | updateUserProfile.gif | 110 x 18 |
| User Profile | userProfile.gif | 75 x 18 |
| Yes | yes.gif | 60 x 18 |

Buttons on the Subscriber Portal that are not localized, such as arrow buttons, are images in the `$CDS_HOME/deployment/deployment-name/.../static/media/common` directory. You can replace these buttons with images of your choice. The following table describes the buttons and their associated images.

TABLE 1-3 Subscriber Portal Buttons Not Localized

| Button | File Name | Size in Pixels (Width x Height) |
|----------------------------|----------------------|------------------------------------|
| Add a category (>) | Add.gif | 60 x 18 |
| Add all categories (>>) | AddAll.gif | 60 x 18 |
| Edit | edit_1.gif | 20 x 20 |
| Go to first page (<) | pagination_first.gif | 23 x 20 |
| Go to last page (>) | pagination_last.gif | 23 x 20 |
| Go to next page (>) | pagination_next.gif | 23 x 20 |
| Go to previous page (<) | pagination_prev.gif | 23 x 20 |
| Remove a category (<) | Remove.gif | 60 x 18 |
| Remove all categories (<<) | RemoveAll.gif | 60 x 18 |

1.7 Changing Basic Colors and Fonts

To simplify branding, the layout of the Subscriber Portal is controlled by a style sheet, `$CDS_HOME/deployment/deployment-name/.../styles/subscriber.css`. Background and font colors are defined in the style sheet. Edit the style sheet to change the colors and fonts for the Subscriber Portal. Use any text editor to edit this file.

1.8 Providing a User License Agreement

The Subscriber Portal provides a placeholder for a license agreement that you can provide to specify the terms and conditions that users must accept to access and download content from your server. Replace the placeholder with your license agreement using one of the following methods:

- Replace the `$CDS_HOME/deployment/deployment-name/.../layouts/default/user_agreement.html` file with your own file of the same name.
- Point the Subscriber Portal to a different file.

If you choose to provide a different file, edit the `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` file and set the value of the `desktop.fileInclude.userAgreement` property to the location of your license agreement, for example:

```
desktop.fileInclude.userAgreement=/legal/cds/terms-conditions.html
```

The default text for the link to the license agreement is “Wireless, Inc User Agreement.” To change the text for the link, follow these steps:

1. **Open the** `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` **file.**
2. **Replace the value of the** `desktop.signup.agreementLink` **property with the string that you require, for example:**
`desktop.signup.agreementLink=Terms and Conditions`
3. **Save the file.**

Branding the Device-Based Subscriber Portal

This chapter describes how to brand the version of the Subscriber Portal component of the Sun Java System Content Delivery Server that runs on the mobile device. You can provide customized images for the page headers and footers and change the text attributes and colors to more closely conform to your corporate image.

The following topics are presented:

- [Changing the Header or Footer Image](#)
- [Removing Images](#)
- [Changing Colors and Text Attributes](#)
- [Changing Text](#)
- [Generating Pages](#)

To make changes to the version of the Subscriber Portal that subscribers access from a PC, see [Chapter 1](#). To tailor the device-based Subscriber Portal for the capabilities of specific devices, see Chapter 7, “Device-Specific User Interface Framework,” in the *Sun Java System Content Delivery Server Integration Guide*.

2.1 Changing the Header or Footer Image

The images used for the header and footer of each page are in the `static/media/device` directory in the following locations:

- For Sun Java System Application Server, `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSSubscriberPortal`.
- For WebLogic Server, `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/subscriber`.

The name of each file describes the width of the image and the location used. For example, the file `Header128px.gif` is used for the header and the image is 128 pixels wide. To change the image used, replace the image with a file of the same name.

2.2 Removing Images

Images are used for the header, footer, and the number for each item in an ordered list. To reduce network traffic, you can eliminate the images by changing the style sheets used to generate the pages for the Subscriber Portal.

Style sheets are located in the `$CDS_HOME/deployment/deployment-name/markup-generation/stylesheets` directory. To remove the images, follow these steps for each style sheet:

1. Open the style sheet that you want to change.

See Chapter 7, “Device-Specific User Interface Framework,” in the *Sun Java System Content Delivery Server Integration Guide* for more information on style sheets.

2. To eliminate the image for the header, replace the header template with the following code.

```
<xsl:template name="header">
  <!-- DO NOT DISPLAY HEADER -->
</xsl:template>
```

3. To eliminate the image for the footer, replace the footer template with the following code.

```
<xsl:template name="footer">
  <!-- DO NOT DISPLAY FOOTER -->
</xsl:template>
```

4. To replace the images used for the number of items in an ordered list with a text number followed by a period, follow these steps:

a. In each style sheet that includes a list template, find the following statement in the list template.

```
<![CDATA[" alt="<%=jspHelper.getRowNumber()%>" />]]>
```

b. Replace the statement found in the previous step with the following statement:

```
<![CDATA[<%jspHelper.getRowNumber()%>.] ]>
```

5. Save your changes.

6. Regenerate the pages of the Subscriber Portal.

See [Section 2.5, “Generating Pages” on page 2-4](#).

2.3 Changing Colors and Text Attributes

The background colors used on the pages and attributes of the text such as alignment and color can be changed to your desired look and feel. To change colors and text attributes, follow these steps for each style sheet located in the `$CDS_HOME/deployment/deployment-name/markup-generation/stylesheets` directory:

1. Open the style sheet that contains a style template that you want to change.

See Chapter 7, “Device-Specific User Interface Framework,” in the *Sun Java System Content Delivery Server Integration Guide* for more information on style sheets.

2. Set the colors and text attributes, for example:

```
<xsl:template name="style">
  <style type="text/css">
    body { background-color: #9999CC; }
    td.odd { background-color: #99CCFF; vertical-align: middle; }
    td.even { background-color: #BCDBFB; vertical-align: middle; }
    td.image { background-color: #9999CC; vertical-align: middle; }
    a { color: #000066; text-decoration: none; }
    span.text { color: #000066; }
    span.error { color: #CC3300; }
  </style>
</xsl:template>
```

3. Save your changes.

4. Regenerate the pages of the Subscriber Portal.

See [Section 2.5, “Generating Pages” on page 2-4](#).

2.4 Changing Text

The text shown on the pages of the Subscriber Portal is read from the `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` file. To change messages or the labels for the fields, edit the strings in this file. The properties used for the device-based Subscriber Portal are prefixed with `device`, for example, `device.login.title`.

Messages that are displayed when a subscriber is running an application are read from the `$CDS_HOME/deployment/deployment-name/localization/FulfillmentLocaleResource.properties` file. To change a message, edit the string in this file.

If you have locale-specific resource files, edit the strings in the files for the locales that you use.

2.5 Generating Pages

The Subscriber Portal consists of pages created using JavaServer Pages™ (JSP™) technology. These pages are generated from XML files that describe the pages to be produced and XSL style sheets that describe how the page elements are to be rendered. One set of pages is generated for each style sheet and stored in a subdirectory with the same name as the name of the style sheet.

After you modify the style sheets, you must generate new pages for each device-specific version of the Subscriber Portal. To generate new pages, follow these steps:

1. Generate new pages.

Enter the following command:

```
cdsi genmarkup -ss all -deployment deployment-name
```

This command processes all of the XML files in the `$CDS_HOME/deployment/deployment-name/markup_generation/page-defs` directory against all of the style sheets in the `$CDS_HOME/deployment/deployment-name/markup_generation/stylesheets` directory and generates a new set of pages for each style sheet. Each set of pages is placed in the `$CDS_HOME/deployment/deployment-name/markup_generation/jsp/style-sheet` directory, where *style-sheet* is the name of the style sheet used to generate the pages.

2. Move the directories that contain the generated pages to the Subscriber Portal application directory on each application server where you deployed a Subscriber Portal.

For Sun Java System Application Server, move the directories to `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSSubscriberPortal/device`.

For WebLogic Server, move the directories to `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/subscriber/device`.

Branding the Developer Portal

This chapter describes how to brand the Developer Portal component of the Sun Java System Content Delivery Server. You can change any or all of the files described in the following table to make the Developer Portal interface more closely conform to your corporate image.

TABLE 3-1 Developer Portal Files

| File | Description |
|--|--|
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/.../tpl/_tpl_main.jsp¹</code> | Banner and footer for each page |
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/localization/DevPortalMessages.properties</code> | Strings used for the title and other text elements |
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/.../developer/media/v_banner001.gif¹</code> | Graphic used for the logo |
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/.../developer/styles/m4_developer.css¹</code> | Style sheet used for basic colors and fonts |
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/.../developer/html/developer_agreement.html¹</code> | User license agreement |
| <code>\$CDS_HOME/deployment/<i>deployment-name</i>/.../developer/support/docs/ContentDeveloperGuide.pdf¹</code> | File shown when the Help link is clicked |

¹The directory path differs depending on the application server that you are using:

- If you are using Sun Java System Application Server, Developer Portal files are in the `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSDeveloperPortal` directory.
- If you are using WebLogic Server, Developer Portal files are in the `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/developer` directory.

deployment-name is the name specified when the Catalog Manager was deployed. *server-domain* is the value specified in the deployment configuration file for the `app.server.domain` property. *server-name* is the value specified in the deployment configuration file for the `app.server.name` property.

Tip – The files listed in [TABLE 3-1](#) are used to present the pages of the Developer Portal. Changes are displayed when a page is refreshed. You might want to edit copies of the files, then replace the original files with the changed files after you are sure there are no errors.

The following topics are presented:

- [Changing the Banner](#)
- [Adding a Footer](#)
- [Changing the Title](#)
- [Changing the Logo Graphic](#)
- [Changing Basic Colors and Fonts](#)
- [Providing a Developer License Agreement](#)
- [Changing the Registration Confirmation](#)
- [Changing the Help File](#)

3.1 Changing the Banner

The banner is a graphic that is displayed at the top of each page. To use a different logo graphic or change the top banner in other ways, edit the template used to build the page:

1. **Open the** `$CDS_HOME/deployment/deployment-name/.../tpl/_tpl_main.jsp` **file.**

Note – Use caution when editing this file. A mistake could cause pages to render incorrectly or not render at all.

2. **Find the table containing the banner image** (`v_banner001.gif`) **and replace the entire table with your customized table.**
3. **Save your changes.**

3.2 Adding a Footer

The Developer Portal does not have a default footer. You can add a footer, if desired, by editing the template used to build the page:

1. **Open the** `$CDS_HOME/deployment/deployment-name/.../tpl/_tpl_main.jsp` **file.**

Note – Use caution when editing this file. A mistake could cause pages to render incorrectly or not render at all.

2. **Find the comment** `<!-- Main Region Ends -->` **at the end of the page and after the comment add a table that contains your footer.**
3. **Save your changes.**

3.3 Changing the Title

To change the title of the main page, edit the `$CDS_HOME/deployment/deployment_name/localization/DevPortalMessages.properties` file and replace the value of the following property with the title that you require:

```
default.app.title=Sun Java [TM] System Content Delivery Server -  
Developer Portal
```

3.4 Changing the Logo Graphic

To change the logo graphic, replace `developer$CDS_HOME/deployment/deployment-name/.../developer/media/v_banner001.gif` with your company logo. If you plan to use the existing banner source code, the image size is 215x25 pixels. For proper display, provide a replacement logo with the same dimensions.

Note – Changing the logo changes the logo display throughout the Developer Portal.

3.5 Changing Basic Colors and Fonts

To simplify branding, the layout of the Developer Portal is controlled by a style sheet, `$CDS_HOME/deployment/deployment-name/.../developer/styles/m4_developer.css`. The background and font colors are defined in the style sheet. Edit the style sheet to change the colors and fonts for the Developer Portal. You can use any text editor to edit this file.

3.6 Providing a Developer License Agreement

The Developer Portal provides a placeholder for a license agreement that you can provide to specify the terms and conditions that developers must accept to submit content to your server. Replace the placeholder with your license agreement.

Provide a license agreement using one of the following methods:

- Replace the `$CDS_HOME/deployment/deployment-name/.../developer/html/developer_agreement.html` file with your own file of the same name.
- Point the Developer Portal to a different file. If you choose to provide a different file, edit the `$CDS_HOME/deployment/deployment_name/localization/DevPortalMessages.properties` file and set the value of the following property to the location of your license agreement.

```
content.developers.agreement.url=/developer/html/developer_agreement.html
```

To change the text for the links to the license agreement, edit the `DevPortalMessages.properties` file located in the `$CDS_HOME/deployment/deployment_name/localization` directory and set the value of the following property to the string of your choice:

```
agreement.name=Wireless, Inc. Content Developers Agreement
```

3.7 Changing the Registration Confirmation

Developers who want to submit content to the Content Delivery Server can create a developer account by registering through the Developer Portal. When the registration completes successfully, a confirmation page is displayed. You can configure the title and the message for this page by setting the following properties in the `DevPortalMessages.properties` file located in the `$CDS_HOME/deployment/deployment_name/localization` directory:

- `registration_done.page.title`. Set this property to the title that you want displayed.
- `registration_done.title`. Set this property to the message that you want displayed.

3.8 Changing the Help File

When when a developer clicks the Help link from any page in the Developer Portal, a PDF file that describes how to submit content to the Content Delivery Server is presented. To customize the information presented, do one of the following options:

- Replace the `ContentDeveloperGuide.pdf` file in the `$CDS_HOME/deployment/deployment-name/.../developer/support/docs` directory with a PDF file of the same name that you created.
- Set the `login.devguide.link` property in the `$CDS_HOME/deployment/deployment-name/localization/DevPortalMessages.properties` file to the location of your help file.

Localizing Interfaces

In addition to changing the look and feel of the Sun Java System Content Delivery Server interfaces, you can also change the language in which the pages are presented. The text strings used by the interfaces are in property files that you can edit to translate the strings to the language of your choice.

This chapter presents the following topics:

- [Localizing the Subscriber Portal](#)
- [Localizing the Developer Portal](#)
- [Localizing the Catalog Manager Administration Console](#)
- [Localizing the Vending Manager Administration Console](#)
- [Setting the Currency Symbol](#)

4.1 Localizing the Subscriber Portal

The Subscriber Portal is presented to subscribers in the language that is set for the browser that they are using. If the Content Delivery Server does not support the language, the Subscriber Portal is presented in the language that is specified in the subscriber's profile. You can set the default language for new profiles and customize the strings and images as needed.

4.1.1 Setting the Default Language

By default, the Subscriber Portal is presented in English. You can change the default language to any locale supported by the Catalog Manager. See the section "Managing Server Locales" in the "Catalog Manager" chapter of the *Sun Java System Content Delivery Server Administration Guide* for information on adding locales.

To set the default locale for all Content Delivery Server interfaces, set the `i18n.default.locale` property in the `$CDS_HOME/deployment/deployment-name/conf/CDS.properties` file. To change the locale for only the Subscriber Portal, add the `i18n.default.locale` property to the `$CDS_HOME/deployment/deployment-name/conf/SubscriberPortal.properties` file. For example, the following statement sets the default language to French:

```
i18n.default.locale=fr
```

After you set the default language, you must restart the server.

Note – If you set the default language to something other than English, but want to support English as a language selection, you must copy the `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource.properties` file to `$CDS_HOME/deployment/deployment-name/localization/SubscriberPortalLocaleResource_en.properties`.

4.1.2 Providing Localized Strings

The text strings used for the Subscriber Portal are defined in the `SubscriberPortalLocaleResource.properties` file and the `FulfillmentLocaleResource.properties` file in the `$CDS_HOME/deployment/deployment-name/localization` directory. Note that elements that are entered by an administrator, such as category names and prices, appear as they are entered, regardless of the locale specified.

To change the strings presented or customize the language, follow these steps:

1. **Either edit the existing file, or copy the appropriate resource file to a new file. If you are creating a file for a different language, append the language code to the name of the file.**

For example, to present the Subscriber Portal in Spanish, create a file named `SubscriberPortalLocaleResource_es.properties`.

2. **Translate the text strings to the right of the equals sign (=). Do not change any strings to the left of the equals sign and do not delete an existing string.**

Changes take effect when the file is saved.

4.1.3 Providing Localized Templates and Images

In addition to changing the text for the Subscriber Portal, you can also provide language-specific page templates and images for the PC-based version.

For each locale that you need to support, you need a language-specific version of the `SubscriberPortalLocaleResource.properties` and `FulfillmentLocaleResource.properties` files in the `$CDS_HOME/deployment/deployment-name/localization` directory. For example, to support French you need files named `SubscriberPortalLocaleResource_fr.properties` and `FulfillmentLocaleResource_fr.properties`.

Set the following properties in each language-specific `SubscriberPortalLocaleResource.properties` file.

TABLE 4-1 Localization Properties

| Property Name | Description |
|---------------------------------------|---|
| <code>desktop.path.templateUrl</code> | Location of the template file, <code>_tpl_main.jsp</code> . This must be a subdirectory under the <code>/tpl</code> directory, for example: <code>desktop.path.templateUrl=/tpl/_tpl_main.jsp</code> |
| <code>localized.path.image_url</code> | Location of the localized images. This must be a subdirectory under the <code>/static/media</code> directory, for example: <code>localized.path.image_url=/static/media/fr</code> |

Source files for the Subscriber Portal are found in the following directory:

- If using Sun Java System Application Server, `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSSubscriberPortal`
- If using WebLogic Server, `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/subscriber`

deployment-name is the name specified when the Vending Manager was deployed. *server-domain* is the domain name specified in the deployment configuration file for the `app.server.domain` property. *server-name* is the server name specified in the deployment configuration file for the `app.server.name` property.

Create the subdirectories for the templates and images that you specified in the `SubscriberPortalLocaleResource.properties` files. For example, to support English and French, you might create the following directory structure:

```
../CDSSubscriberPortal
  /tpl
    /english
    /french
  /static
    /media
      /en
      /fr
```

In each template subdirectory, include a localized copy of the template file `_tpl_main.jsp`.

In each image subdirectory, include a copy of all localized images referenced by the Subscriber Portal. Leave images that are not specific to a language in the `/static/media` root directory. Files that contain the images for the buttons in the Subscriber Portal are described in [Section 1.6, “Changing Buttons” on page 1-6](#).

In the template files, use the image path variable `<%=img_url%>` for images in the root image directory. Use the image path variable `<%=localized_image_url%>` for images in a language-specific subdirectory. The following code example shows the path for an image that is localized.

```
<td width="175">
  
</td>
```

4.2 Localizing the Developer Portal

The following steps describe the process for presenting the Developer Portal in a different language.

1. In the `$CDS_HOME/deployment/deployment-name/conf/CDS.properties` file, set the `i18n.default.locale` property to the locale that you want to use.

This property determines the default locale for the Developer Portal, the Catalog Manager administration console, the Vending Manager administration console, the Subscriber Portal, and log files. To change the locale for only the Developer Portal, add the `i18n.default.locale` property to the `$CDS_HOME/deployment/deployment-name/conf/DeveloperPortal.properties` file.

2. In the `$CDS_HOME/deployment/deployment-name/localization` directory, make a copy of the file `DevPortalMessages.properties` with the language code appended to the end of the file name.

For example, to present the Developer Portal in Spanish, create a file named `DevPortalMessages_es.properties`.

3. In the file that you created, translate the text strings to the right of the equals sign (=) using the following guidelines.

- Do not change the property names to the left of the equals sign.
- Set the following properties to a pattern string as defined in the HTML output of the Javadoc™ tool for the `java.text.SimpleDateFormat` class.
 - `date.format`
 - `date.format.long`
 - `time.format`
 - `time.format.long`
 - `datetime.format`
 - `datetime.format.long`
 - `date.format.input`
 - `time.format.input`
 - `datetime.format.input`
- Property names that end in `.image` specify names of image files. To localize an image, replace the file name with the name of a localized image that you created. Image files are in one of the following directories, depending on the application server that you are using:
 - If using Sun Java System Application Server, `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSDeveloperPortal/developer/media`
 - If using WebLogic Server, `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/developer/developer/media`
- The `content.developers.agreement.url` property points to the file that contains the terms and conditions for submitting content. Set this property to the URL for the localized version of the file.
- The `login.devguide.link` property points to the file that contains the *Content Developer Guide*. Set this property to the URL for the localized version of the file.

4.3 Localizing the Catalog Manager Administration Console

The following steps describe the process for presenting the Catalog Manager administration console in a different language.

1. **In the `$CDS_HOME/deployment/deployment-name/conf/CDS.properties` file, set the `i18n.default.locale` property to the locale that you want to use.**

This property determines the default locale for the Developer Portal, the Catalog Manager administration console, the Vending Manager administration console, the Subscriber Portal, and log files. To change the locale for only the Catalog Manager administration console, add the `i18n.default.locale` property to the `$CDS_HOME/deployment/deployment-name/conf/AdminConsole.properties` file.

2. **In the `$CDS_HOME/deployment/deployment-name/localization` directory, make a copy of the file `AdminConsoleMessages.properties` with the language code appended to the end of the file name.**

For example, to present the administration console in Spanish, create a file named `AdminConsoleMessages_es.properties`.

3. **In the file that you created, translate the strings to the right of the equals sign (=) using the following guidelines.**

- Do not change the property names to the left of the equals sign.
- Set the following properties to a pattern string as defined in the HTML output of the Javadoc tool for the `java.text.SimpleDateFormat` class.
 - `date.format`
 - `date.format.long`
 - `time.format`
 - `time.format.long`
 - `datetime.format`
 - `datetime.format.long`
 - `date.format.input`
 - `time.format.input`
 - `datetime.format.input`
- The property `localized.path.image_url` specifies the directory in which the images are found. If you want to change any image, copy all images from the directory currently specified to your new directory. Replace the existing file with your version and set the `localized.path.image_url` property to the new directory name. The directory that you specify must be a subdirectory of one of the following directories, depending on the application server that you are using:

- If using Sun Java System Application Server, `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSCatalogManager`
- If using WebLogic Server, `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/admin`
- The `login.form.stylesheet` property and all property names ending in `.layout` specify the file name of a template used to generate a web page. If you must change a template, set the corresponding property to the correct file name. Be careful when you change a template because any error might cause the page to display incorrectly or not display at all.

4.4 Localizing the Vending Manager Administration Console

The following steps describe the process for presenting the Vending Manager administration console in a different language.

1. **In the `$CDS_HOME/deployment/deployment-name/conf/CDS.properties` file, set the `i18n.default.locale` property to the locale that you want to use.**

This property determines the default locale for the Developer Portal, the Catalog Manager administration console, the Vending Manager administration console, the Subscriber Portal, and log files. To change the locale for only the Vending Manager administration console, add the `i18n.default.locale` property to the `$CDS_HOME/deployment/deployment-name/conf/VSAdminConsole.properties` file.

2. **In the `$CDS_HOME/deployment/deployment-name/localization` directory, make a copy of the file `VendingManagerMessages.properties` with the language code appended to the end of the file name.**

For example, to present the administration console in Spanish, create a file named `VendingManagerMessages_es.properties`.

3. **In the file that you created, translate the strings to the right of the equals sign (=) using the following guidelines.**

- Do not change the property names to the left of the equals sign.
- Set the following properties to a pattern string as defined in the HTML output of the Javadoc tool for the `java.text.SimpleDateFormat` class.
 - `campaign.time.pattern`
 - `date.format`
 - `date.format.long`
 - `time.format`

- `time.format.long`
- `datetime.format`
- `datetime.format.long`
- `date.format.input`
- `time.format.input`
- `datetime.format.input`
- For property names beginning with `common.names.status` or `common.names.gender`, do not change the character before the vertical bar (`|`). Translate only the word after the bar.
- The property `localized.path.image_url` specifies the directory in which the images are found. To change any image, copy all images from the directory currently specified to your new directory. Replace the existing file with your version and set the `localized.path.image_url` property to the new directory name. The directory that you specify must be a subdirectory of one of the following directories, depending on the application server that you are using:
 - If using Sun Java System Application Server, `$CDS_HOME/deployment/deployment-name/sun/domains/server-domain/server-name/applications/j2ee-modules/CDSVendingManager`
 - If using WebLogic Server, `$CDS_HOME/deployment/deployment-name/weblogic/domains/server-domain/applications/vsadmin`
- Property names ending in `.layout` and `.stylesheet` specify the file name of a template used to generate a web page. If you must change a template, set the corresponding property to the correct file name. Be careful when you change a template because any error might cause the page to display incorrectly or not display at all.

4.5 Setting the Currency Symbol

See Section 4.6.1, “Set the Currency Symbol,” in the *Sun Java System Content Delivery Server Installation Guide* for information on setting the currency symbol used by all components in a deployment.

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